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**Moody et al.**

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[54] **CABLE CONNECTOR ASSEMBLY**

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[58] **Field of Search** ..... **439/138, 142,  
439/144**

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[57] **ABSTRACT**

A cable connector assembly is provided to eliminate or minimize dynamic disturbance on the body shell surface of a vehicle in motion. The vehicle includes a body shell having a recessed portion which includes a cable connector receptacle and a connector housing. The connector housing does not protrude from the vehicle and is smooth with the body shell contour. The connector housing includes a female electrical connection portion. Adjacent the connector housing in the recessed portion of the body shell is a hinged closure plate which is controlled by a compression spring. When the vehicle is at rest, an electrical cable is connected to the connector housing and the closure plate is pushed into the recessed portion of the body shell. When the vehicle is put in motion, the closure plate spring decompresses to force the closure plate to close and seal the recessed portion of the body shell. The closure plate and the connector housing form a uniform and smooth surface which blends with the contour of the body shell.

**10 Claims, 2 Drawing Sheets**

